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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	PLW 13206
	First Inventor or Application Identifier	Connolly
	Title	CONTROL OF GAIN CURRENT SPREADING IN...
	Express Mail Label No.	EF041512772US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 20] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 5. Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
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ACCOMPANYING APPLICATION PARTS	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Copies of IDS Citations


17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label			<input checked="" type="checkbox"/> Correspondence address below		
(Insert Customer No. or Attach bar code label here)					
Name	Arthur L. Plevy, Esq. BUCHANAN INGERSOLL, P.C.				
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Name (Print/Type)	Jonathan M. Darcy	Registration No. (Attorney/Agent)	44,054
Signature			Date
		11/10/00	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2000 <i>Patent fees are subject to annual revision.</i>		Complete if Known		
		Application Number	Herewith	
		Filing Date	Herewith	
		First Named Inventor	Connolly	
		Examiner Name	TBA	
		Group / Art Unit	TBA	
TOTAL AMOUNT OF PAYMENT		\$382.00	Attorney Docket No.	PLW 13206

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number 50-1057 Deposit Account Name <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27		3. ADDITIONAL FEES Large Entity Small Entity Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath	
FEE CALCULATION		127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
1. BASIC FILING FEE Large Entity Small Entity Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid		139 130 139 130 Non - English specification	
101 710 201 355 Utility filing fee 355.00		147 2,520 147 2,520 For filing a request for <i>ex parte</i> reexamination	
106 320 206 160 Design filing fee		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
107 490 207 245 Plant filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
108 710 208 355 Reissue filing fee		115 110 215 55 Extension for reply within first month	
114 150 214 75 Provisional filing fee		116 390 216 195 Extension for reply within second month	
SUBTOTAL (1) \$355.00		117 890 217 445 Extension for reply within third month	
2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid		118 1,390 218 695 Extension for reply within fourth month	
Total Claims 23 - 20** = 3 X 9.00 = 27.00		128 1,890 228 945 Extension for reply within fifth month	
Independent Claims 3 - 3** = 0 X = 0.00		119 310 219 155 Notice of Appeal	
Multiple Dependent =		120 310 220 155 Filing a brief in support of an appeal	
**or number previously paid, if greater; For Reissues, see below		121 270 221 135 Request for oral hearing	
Large Entity Small Entity Fee Code Fee (\$) Fee Code Fee (\$) Fee Description		138 1,510 138 1,510 Petition to institute a public use proceeding	
103 18 203 9 Claims in excess of 20		140 110 240 55 Petition to revive - unavoidable	
102 80 202 40 Independent claims in excess of 3		141 1,240 241 620 Petition to revive - unintentional	
104 270 204 135 Multiple dependent claim, if not paid		142 1,240 242 620 Utility issue fee (or reissue)	
109 80 209 40 ** Reissue independent claims over original patent		143 440 243 220 Design issue fee	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent		144 600 244 300 Plant issue fee	
SUBTOTAL (2) \$27.00		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional applications	
		126 240 126 240 Submission of Information Disclosure Statement	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179 710 279 355 Request for Continued Examination (RCE)	
		169 900 169 900 Request for expedited examination of a design application	
		Other fee (specify)	
		Reduced by Basic Filing Fee Paid SUBTOTAL (3)	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jonathan M. Darcy	Registration No. (Attorney/Agent)	44,054
Signature	<i>Jonathan M. Darcy</i>	Telephone	(609) 987-6882
		Date	11/10/00

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"EXPRESS MAIL CERTIFICATE"

"Express Mail" mailing label number: EF041512772US

Date of Deposit: November 10, 2000

Title of Invention: CONTROL OF GAIN CURRENT SPREADING IN
SEMICONDUCTOR LASER DIODES

Inventor: CONNOLLY, John C.; DIMARCO, Louis A.

Type of Documents:

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2000;
3. Application consisting of 14 pages of specification, 5 pages of claims, 1 page of Abstract, and 4 pages of drawings;
4. Declaration and Power of Attorney;
5. Our check in the amount of \$382.00;
6. Acknowledgment Postcard; and,
7. "Express Mail" Certificate.

I hereby certify that this paper and fee are being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, "Box Application," Washington, D.C. 20231.

Tammy T. Fattoross
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